



VENTILATION SERVICES	
SYMBOL	REFERENCE
	SUPPLY DUCTWORK
	EXTRACT DUCTWORK
	LOCAL AIR CONDITIONING
	DIRTY EXTRACT DUCTWORK
	DUCTWORK
	AIR CONDITIONING CONTROLLER
	MAIN ATTENUATOR
	CROSS TALK ATTENUATOR
	VOLUME CONTROL DAMPER
	SMOKE/FIRE DAMPER
	LOUVRE
	DOOR TRANSFER GRILLE
	EXTRACT FAN
	CIRCULAR RISE & CIRCULAR RISE FROM DUCT
	RECTANGULAR RISE
	AIR VALVE/SUPPLY DIFFUSER
	AIR VALVE/EXTRACT DIFFUSER
	LINEAR SUPPLY GRILLE
	LINEAR EXTRACT GRILLE
	RECTANGULAR BEND
	RECTANGULAR BEND WITH VANES

- DESIGNERS RISK ASSESSMENT
Under section 11, 18 - Construction (Design and Management) Regulations 2015
- SAFETY, HEALTH & ENVIRONMENTAL INFORMATION
There are no significant, unusual or location specific risks which are not obvious to a competent contractor or likely to be difficult to manage
- NOTES
- ALL DIMENSIONS IN mm UNLESS OTHERWISE STATED
 - THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL MECHANICAL, ELECTRICAL, STRUCTURAL AND ARCHITECTURAL DRAWINGS
 - THE INSTALLATION SHALL COMPLY WITH THE BUILDING REGULATIONS, BRITISH STANDARDS, STATUTORY REGULATIONS, CIBSE GUIDES, CIBSE COMMISSIONING CODES, HVCA CODES AND GUIDES AND ALL OTHER RELEVANT REGULATIONS.
 - THE DUCTWORK INSTALLATION SHALL BE CONSTRUCTED AND INSTALLED IN ACCORDANCE WITH DW/144
 - THE AIR INTAKE DUCTWORK BETWEEN THE VENTILATION HEAT RECOVERY UNITS AND INTAKE LOUVRES SHALL BE THERMALLY INSULATED IN ACCORDANCE WITH BS5422:2001, WITH ALL DUCTWORK VAPOUR SEALED
 - DUCTWORK SHALL BE INSTALLED (WHERE PRACTICAL) WITH GRADIENTS TOWARDS THE VENTILATION HEAT RECOVERY UNIT TO ENSURE THAT CONDENSATE DRAINS TOWARDS THE UNIT
 - ALL EXTRACT VALVES SHALL BE ADJUSTABLE FOR VOLUME CONTROL, NOISE REDUCTION AND DRAUGHT AVOIDANCE PURPOSES
 - ACCESS PANELS SHALL BE PROVIDED WITHIN THE DUCTWORK SYSTEM INLINE WITH B&ES TR17 AND GENERALLY AT 3m INTERVALS ON STRAIGHT DUCTS. IN ADDITION EASILY REMOVABLE END CAPS SHALL BE INCLUDED ON ALL STRAIGHT DUCT LENGTHS FOR CLEANING PURPOSES
 - ALL FIRE DAMPERS SHALL BE PROVIDED WITH ADJACENT ACCESS PANELS (WHERE NECESSARY) TO ENABLE INSPECTION AND TESTING
 - ALL SERVICE ROUTES AND POSITIONS ARE INDICATIVE AND SHOULD BE VERIFIED ON SITE FOLLOWING AN EXISTING SITE SERVICES SURVEY AND SHALL BE FULLY COORDINATED WITH THE ARCHITECT.
 - NO FLEXIBLE CONNECTIONS TO GRILLES AND DIFFUSERS TO EXCEED 250mm IN LENGTH.
 - ALL FANS & AC UNITS SHALL BE PROVIDED WITH ANTI-VIBRATION MOUNTS.
 - THE CONTRACTOR SHALL ALLOW FOR ALL CO-ORDINATION WITH M, E & PH INSTALLATIONS & FABRIC/STRUCTURE.
 - THE CONTRACTOR SHALL ALLOW FOR ALL BUILDERS WORK IN CONNECTION WITH THE SERVICE INSTALLATION.
 - ALL DUCTWORK BRANCHES INTO STUDIOS TO BE 150mmØ & TRANSFORM TO 204x60mm UNLESS STATED OTHERWISE.
 - SMOKE/FIRE DAMPERS TO BE INSTALLED TO EACH STUDIO.



-	P01	PRELIMINARY ISSUE	CF	BD	13.01.23
STA	REV	DESCRIPTION	DES	CHD	DATE

PURPOSE OF ISSUE
PRELIMINARY ISSUE

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CLIENT
DOMIS

PROJECT
LIVERPOOL ROAD
MANCHESTER

TITLE
MECHANICAL SERVICES
FIRST FLOOR
VENTILATION LAYOUT

SCALE	1:50	ORIGINAL SIZE	A1	DATE	JAN '23
DRAWN	CF	DESIGNED	CF	CHECKED	BD
PROJECT ORIGINATOR ZONE LEVEL TYPE ROLE CLASS NUMBER P1824-NOV-XX-01-DR-M-5701					REVISION P01

VENTILATION